

TABLE 5: GP IIb / IIIa INHIBITORS IN AMI PRIOR TO PRIMARY PCI

TRIAL	DRUG	N	INCLUSION CRITERIA	PATIENT SUMMARY	OUTCOME
RAPPORT [124]	Abciximab	483	Primary angioplasty in patients < 12 hrs of AMI onset with: ST elevation 2 contiguous leads or new LBBB.	242 to placebo; 241 to abciximab. Abciximab dose: 0.25mg/kg bolus + 0.125µg/kg/min for 12 hrs. All patients received aspirin and heparin. Only balloon angioplasty and directional atherectomy permitted. Stenting discouraged.	Treatment with abciximab during primary PTCA for AMI substantially reduced the 30 day death, reinfarction and urgent target vessel revascularisation (11.2% placebo vs 5.8% abciximab, p=0.03). No significant difference at 6 months of death, non fatal reinfarction, or target vessel revascularization (28.1% placebo vs 28.2% abciximab, p=0.9)
GRAPE [125]	Abciximab	60	Primary angioplasty intended in all patients ≤ 80 yrs with AMI < 6 hrs with: Sum of ST segment elevation ≥ 10mm.	All patients received aspirin, heparin and 250 µg/kg followed by 10 µg/min infusion of abciximab for 12 hours.	Abciximab given in the emergency room prior to primary angioplasty is associated with 20% TIMI 3 flow and 40% with TIMI 2 or 3 flow at a median time of 45 mins.
ADMIRAL [126]	Abciximab	300	Primary angioplasty and stenting intended in all patients ≥ 18 yrs with AMI < 12 hrs with: ST elevation > 1mm in at least 2 contiguous leads	150 to placebo; 150 to abciximab. Abciximab dose (given prior to coronary angiogram): 0.25mg/kg bolus + 0.125µg/kg/min for 12 hrs. All patients received aspirin and heparin. Ticlopidine (1 month) and aspirin (6months) given to stented patients. Saint-Côme stent recommended.	Treatment with abciximab prior to primary coronary intervention for AMI reduced primary endpoint of death, recurrent MI and urgent TVR at 30 days by 52.3% (15.3 % placebo vs 7.3% abciximab, p=0.02)

CADILLAC Trial – only preliminary data presented American Heart Association 1999

AMI = Acute myocardial infarction; LBBB = Left bundle branch block; PTCA = Percutaneous transluminal coronary angioplasty; PCI = Percutaneous coronary intervention. TVR = Target Vessel Revascularisation.